2021 CERTIFICATION H-WATER SUPPLY

Consumer Confidence Report 202 RWH-1 PM 2: 58

PRINT/Public Water System Name
0350003, 0350007, 0350023, 0350025
List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
Advertisement in local paper (Attach copy of advertisement)	4-28-22
On water bill (Attach copy of bill)	6-1-22
□ Email message (Email the message to the address below)	
□ Other (Describe:)	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service	
□ Distributed via E-mail as a URL (Provide direct URL):	
□ Distributed via Email as an attachment	
□ Distributed via Email as text within the body of email message	
□ Published in local newspaper (attach copy of published CCR or proof of publication)	
□ Posted in public places (attach list of locations or list here)	
□ Posted online at the following address (Provide direct URL):	
CERTIFICATION I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customethe appropriate distribution method(s) based on population served. Furthermore, I certify that the information is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR req of Federal Regulations (CFR) Title 40, Part 141.151 – 155.	contained in the report
Wayne Smest Manager	6-1-22 Date
Name Title	Date
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated proof of deliv	very method(s) to
the MSDH, Bureau of Public Water Supply.	

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Email: water.reports@msdh.ms.gov

2021 Annual Drinking Water Quality Report Northwest Kemper Water Association PWS#: 350003, 350007, 350023, 350025 April 2022

RECEIVED MSDH-WATER SUPPLY

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water utility, please contact Wayne Smith at 601.677.3558. We want our valued customers to be informed about their water utility. If you want to learn more, please join us for the annual meeting scheduled for second Tuesday of August at 7:00 PM at the Preston Office.

Our water source is from wells drawing from the Lower Wilcox Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Northwest Kemper Water Association have received lower rankings in terms of susceptibility to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A very detailed study of the water system to identify potential problems and determine (if Possible) why an E.coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system.

PWS ID#	‡ 350003 -	Preston		TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic	Contami	inants						
10. Barium	N	2019*	.0114	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

17. Lead	N	2018/20*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2021	.793	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	N	2019*	2100	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	n By-l	Products						
81. HAA5	N	2021	3.91	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	9.44	No Range	ррь	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.4	1.25 – 171	mg/l	0	MRDL = 4	Water additive used to control microbes

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2019*	.0402	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
17. Lead	N	2018/20 *	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	2400	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

PWS ID # 3	350023 -	- Kynaro	ì	TEST RESUI	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic (Contam	inants						
10. Barium	N	2019*	.0476	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	13000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	ı By-Pr	oducts		***			- "	
81. HAA5	N	2018*	2	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018*	1.23	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.4	.6 – 1.77	mg/l	0	MRDL = 4	Water additive used to control

				microbes

Contaminant	Violation	Date	Level	Range of Detects or	Unit	MCL	MCL	Likely Source of Contamination
Contaminant	Y/N	Collected	Detected	# of Samples	Measure	G	MCL	Likely Source of Contamination
	1,,,,,	00001.00	20100104	Exceeding	-ment			
				MCL/ACL/MRDL				
Inorganic (Contam	inants						
10. Barium	N	2020*	.063	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Sodium	N	2019*	1800	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	n Bv-Pr	oducts						· · · · · · · · · · · · · · · · · · ·
Chlorine	N	2021	1.4	1.01 – 1.5	mg/l	0	MRDL = 4	Water additive used to control

^{*} Most recent sample. No sample required for 2021.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Northwest Kemper Water Association has almost 1,800 meters and over 650 miles of pipe providing clean, fresh water to over 4,600 residents in parts of 5 counties in east central Mississippi. Our commitment to service is evidenced by receiving the highest available rating from the Mississippi State Department of Health during our annual inspections.

Please Note: You may obtain a copy of this report at our office at 10798 HWY 397 in Preston or call us at 601.677.3558.

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2021 Annual Drinking Water Quality Report Northwest Kemper Water Association PVVS#: 350003, 350007, 350023, 350026 April 2027.

Velocity pleased to present to you this year's Armail Chailify Wales Report. This report is designed to show about the quality water sense are interested to by our every day. You constant goal is to constantly you thin a safe and dependable supply of threstory water. We wantly you go stroked the effects we make to continue by largore the statement process and protect our within insources. We are committed to providing you with information because informed customers are on their alway.

If you have any questions about this seport or concerning your water utility, please contect Weyne Smith at 601 677,05cs. We want our valued customers so be informed about those when utility. If you want to learn more, please jois us for the entrant inventing scheduled for eccond Treatary of August at 100 PM at the Presson Office.

Our wold fource is non-seen training from the Lower Willow Aquite. The source water secretarities being completed for our public water gains to definement the county assigned being of the damateg within singly in challenge countries of containments. A respect containing detailed the countries the countries assigned by the damategraphic secretaries as the secretaries of containing the countries of the countrie

We routinely monthly for contamination in your dinhardy water according to Freshman and State error. This table telecor acts at of the dinhardy wide communication which was where monthly were disclosed coming the period of changer (**). Determinent **] **2000. It cases where monthly common freshman is a state of the communication of the common freshman is a state of the freshman as the monthly common freshman is and the common freshman is a state of the freshman as the state of the freshman is state as an observed in that may come from several ports, and of the production and will be required to discuss the contract of the freshman is stated as a production and will be common as an observed in that may come in the several common from the common freshman is stated as the common freshman is stated as an official common freshman is stated as a production within a state which is the common freshman is stated as a production of the common freshman is common freshman in the common freshman in the common freshman is stated to the common freshman in the common freshman is written and veilibre organic ordan freshman is written and veilibre organic common freshman in the common freshman is the common freshman in the common freshman in the common freshman is the common freshman in the common freshman in the common freshman is the common freshman in the common freshman in the common freshman is the common freshman in the common freshman in the common freshman in the common freshman is the common freshman in the common freshman in the manner is the common freshman in the common freshman is the common freshma

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Marifrom Contamnate Level Goe! (ARCLG) - The "Goel"(MCLG) is the level of a contamnant in drinking water expected hat to health. MCLGe allow for a margin of salety.

Montana Reason (planticitims Level (MRD)). — The lightest lovel of a distribution allowed in dintang water. There is confribing evidence that addition of a distribution to another increason in contracting contemperation.

Maximan Residual Commentari Landi Gook (MRCUG) - The level of a diversy when an includent because which there is no brown or the left of Gook for the foreign of the use of destricted his control recording confirmments.

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responds to one retirute in 2,000 years, or a single penny in \$10,000,000. A study of the water system to identify potential proba-

Level 2 Assessment. A very detailed and, of the vice in this continue and has occurred analyze edy total cofform back in the form of the state.

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82 TTHM	1000	_		Company Co.				disinfuction.
[Total tringiometheres]	N	2021	9.44	No Range	bbp	0	80	By-product of drinking water chlodration.
Chlorine	N	2021	1.4	1.25 - 171	"mg/l	0	MRDL = 4	Water additive used to control microber

Contaminant	Violation U. Note that	Date Collected	Level Delected	Range of Detects or # of Samples	Unit Measure	MCL G	MCL	Likely Source of Contamination
1077				MCL/ACL/MRDL	-marit	15× .~ .		
Inorganic	Contami	nants			20.00			
10 Barium	AN 15 S	2015*	.0402	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, expelon of refural deposits
17. Lead	N	2018/20 *	0	0	ppò	0	AL=15	Corpeion of household plumbin systems, erosion of neural deposits
Södlum	N	2019	2400	No Range	ppb	0	0	Road Sait, Water Treatment Chemicals, Water Software and Sewage Effuents
Disinfecti	on By-Pr	oducts						
Chicajne	N	2021	1,4	1 - 2.01	mg/l	0	MRDL = 4	Water additive used to control microbes

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Contaminant	Violation Y/N	Date Collected	Detected	Range of Dietocts or if of Samples Exceeding MCUACL/MRDL	Veit Museure -coent	MCL G	MCL	Likely Source of Contamination
Inorganie (Contam	inants	19655		7			
10 Barum	N	2019*	.0476	No Range	ppm)	- 2	2	Discharge of diving wastes, discharge from material refluence, around of natural deposits
14 Copper	N	2018/20*	2	0	ppm	13	AL=1.0	Corresion of household plumbing systems, erosion of natural deposits; leaching from wood preservatives
17 Lead	N	2014/20*	Φ.	0	ppb	0	AL=15	Corpsion of household pumping systems, erosion of natural decounts
Sadium:	N.	2019	13000	No Range	pph	0	0	Road Selt, Water Treatment, Crismicals, Vision Schaners and Sevage Efficients
Disinfection	n By-Pr	oducts	Ti de la				1100	USE STATE OF THE S
BT HAAS	N	20181	2	No Range	spb	9	50	By-Product of darking water distribution
52 Their Time chalcine (harios)	N	2010*	1.23	No Range	100	.0.1	80	By-product of drinking water chipchwists.
Chlorine	N	2027	1.4	4-177	mgil	0	MRDL + 4	Water addove used to control microbes

Contement	Wioleton	Date Collected	Level Detected	Range of Detects or # of Samples Extending MCLIACLIMEDI	Unit Measure -cont	MCL G	MCF	Usely Source of Contamination
Inorganic	Contam	inants			Enter 1			
10 Barum	N	2000*	0E3	No Range	gom	2	2	Distriction disting context distriction of natural disposits
Sodum	N	2019*	1800	No Range	900	0	0	Rood Ser, Water Treatment Chemicals, Water Solianers en Sewage Elli, anni
Disinfection	on By-Pr	oducts						271
Chlorine Montages are	N	2021	1,4	1.91 - 1.6	mpt.	0	MRDL=4	Water additive used to control

Mintrame sample to sample required for 1071

We are required to monitor your ditinsing water for specific contaminants on a monitry basis. Security of regular monitoring are an indicator of whether or not our distance whater means health standards. In an affect to ansure systems complete ail monitoring requirements. MSDH now notifies systems of any missing samples prior to the roof of the completion particle.

If present elevated levels of lead cen cause serious health problems, represent your many from materiests and components associated with service lines and onter purpose. Our water system is responsible for providing that a contract of the contract of the

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The Northwest Kamper Water Association has almost 1,800 meters and over 650 miles of pipe providing cover, tresh water to over 4,000 resident in parts of 5 counters in sost certain Montalops. Our commitment to sendon is evidenced by receiving the highest sensible rating from the Montalop State Department of Health during our amount proportions.

Please Note: You may obtain a copy of this report at our office at 10796 HVVY 397 in Preston or call us at 601,677 3558.

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NORTHWEST KEMPER WATER ASSOCIATION

P.O. BOX 57 · PRESTON, MS 39354 PHONE: (601) 677-3558

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